

REMARKS

**Status of Claims:**

Claims 1-31 are present for examination.

**Abstract:**

The abstract has been revised pursuant to paragraph 2 of the outstanding office action.

**Title of the Invention**

The title of the invention has been amended pursuant to paragraph 3 of the outstanding office action.

**Prior Art Rejection:**

Claims 1-31 stand rejected under 35 USC 102(b) as anticipated by Goldberg (5625747).

The examiner's rejection is respectfully traversed.

In the cited reference, DP matching in three dimensions (DTFW) is executed for the calculation of frequency elongation/contraction. In such a case, however, a great amount of calculation is necessary since in the calculation with the three dimensions of the reference pattern, time and frequency directions are required for the space search.

In contrast, according to the instant invention, it is possible to obtain frequency expansion coefficients in two dimensional space of the reference pattern and time directions with the reduced amount of calculation.

As such, it is submitted that the Goldberg reference does not teach applicants and thus the rejection under 35 USC 102 should be withdrawn.

**Conclusion:**


Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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By 

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